

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:	)	
	)	
Bruce M. Harper, et al.	)	Examiner: Not yet assigned
	)	
Application No.: Not yet assigned	)	Art Unit: Not yet assigned
	)	
Filed: Herewith (01/16/2004)	)	
	)	
For: IMPRINT EMBOSsing	)	
ALIGNMENT SYSTEM	)	
_____	)	

MS: Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

"Express Mail" mailing label number EV 409 362 008 US  
Date of Deposit: January 20, 2004

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Dianne Neathery  
(Typed or printed name of person mailing paper or fee)

Dianne Neathery                      1-20-2004  
(Signature of person mailing correspondence)                      (Date)

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):


- X   37 C.F.R. §1.97(b).
- 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:
- A statement pursuant to 37 C.F.R. §1.97(e) or
- A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).
- 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:
- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
  - (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: January 20, 2004

  
\_\_\_\_\_  
Suk B. Lee  
Reg. No. 47,745

Customer No.: 008791  
12400 Wilshire Blvd.  
Seventh Floor  
Los Angeles, CA 90025  
(408) 720-8300

**Complete if Known**

Application Number	Not yet assigned
Filing Date	Herewith
First Named Inventor:	Bruce M. Harper
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	004085.P044

<b>Sheet</b>	<b>1</b>	<b>of</b>	<b>3</b>
--------------	----------	-----------	----------

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (If known)				
		US-	4,770,739	09-13-1988	Orvek et al.	
		US-	4,931,351	06-05-1990	McColgin et al.	
		US-	5,018,037	05-21-1991	Krounbi et al.	
		US-	5,045,150	09-03-1991	Cleeves et al.	
		US-	5,045,165	09-03-1991	Yamashssita	
		US-	5,091,047	02-25-1992	Cleeves et al.	
		US-	5,219,788	06-15-1993	Abernathey et al.	
		US	5,259,926	11-09-1993	Kuwabara et al.	
		US-	5,290,397	03-01-1994	Ober et al.	
		US-	5,318,877	06-07-1994	Ober et al.	
		US-	5,320,934	06-14-1994	Misium et al.	
		US-	5,413,018	05-09-1995	Wada	
		US-	5,427,599	06-27-1995	Greschner et al	
		US-	5,455,145	10-03-1995	Tarumoto	
		US-	5,493,959	02-27-1996	Yagi et al.	
		US-	5,512,131	04-30-1996	Kumar et al.	
		US-	5,537,282	07-16-1996	Treves et al.	
		US-	5,772,905	06-30-1998	Chou	
		US-	5,820,769	10-13-1998	Chou	
		US-	5,956,216	09-21-1999	Chou	
		US-	5,985,524	11-16-1999	Allen et al.	

Examiner Signature		Date Considered	
-----------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS.

**SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.**

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**

<b>Substitut f r Form 1449/PTO</b>  <b>INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>C mplete if Known</b>	
				Application Number	Not yet assigned
				Filing Date	Herewith
				First Named Inventor:	Bruce M. Harper
				Art Unit	Not yet assigned
				Examiner Name	Not yet assigned
Sheet	2	004085.P035	3	Attorney Docket Number	004085.P044

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
		US	6,019,930	07-11-2000	Lui et al.	
		US-	6,086,730	04-03-2001	Ueda et al	
		US-	6,150,015	11-21-2000	Bertero et al.	
		US-	6,210,855	04-17-2001	Pinarbasi et al.	
		US-	6,242,718	06-05-2001	Ferro et al.	
		US-	6,276,656	08-21-2001	Baresich	
		US-	6,309,580 B1	10-30-2001	Chou	
		US-	6,381,090	04-30-2002	Suzuki et al.	
		US-	6,383,944	05-07-2002	Furihata et al.	
		US-	6,440,646	08-27-2002	Ueda et al.	
		US-	6,482,742	11-19-2002	Chou	
		US-	6,518,189 B1	02-11-2003	Chou	
		US-	2002/0025408	02-28-2002	Davis	
		US-	2002/0042027 A1	04-11-2002	Chou et al.	
		US-	2002/0071214 A1	06-13-2002	Karl A. Belser	
		US-	2002/0098426 A1	07-25-2002	Sreenivasan et al.	
		US-	2002/0132482 A1	09-19-2002	Chou	
		US-	2002/0135939 A1	09-26-2002	Wada	
		US-	2002/0136927 A1	09-26-2002	Hieda et al.	
		US-	2002/0167117 A1	11-14-2002	Chou	
		US-	2002/0177319 A1	11-28-2002	Chou	
		US-	2003/0034329 A1	02-20-2003	Chou	
		US-	2003/0071016 A1	04-17-2003	Shih et al.	
		US-	2003/0080471 A1	05-01-2003	Chou	
		US-	2003/0080472 A1	05-01-2003	Chou	
		US-	2003/0170995 A1	09-11-2003	Chou	
		US	2003/0170996 A1	09-11-2003	Chou	
		US-				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

<b>Substitute for Form 1449/PTO</b>  <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Not yet assigned
				Filing Date	Herewith
				First Named Inventor:	Bruce M. Harper
				Art Unit	Not yet assigned
Examiner Name	Not yet assigned				
Sheet	3	4085.P035	3	Attorney Docket Number	004085.P044

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		PCT WO 00/48172		08-17-2000	General Electric Company		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		BRIAN FAIRCLOTH et al. "Bilayer, nanoimprint lithography", J. Vac. Sci. Technol.B 18(4), Jul/Aug 2000, 2000 American Vacuum Society, pp. 1-8.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.